

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,469,017 B2  
APPLICATION NO. : 10/510338  
DATED : December 23, 2008  
INVENTOR(S) : Granstrom et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Fig. 16, Sheet 11 of 12, for Tag “93”, in the Box, insert -- POWER METER --.

In Fig. 18, Sheet 12 of 12, for Tag “63”, in the Box, insert -- PHASE SHIFTER --.

In Fig. 18, Sheet 12 of 12, for Tag “87”, in the Box, insert -- STORAGE --.

In Fig. 18, Sheet 12 of 12, for Tag “57”, in the Box, insert -- QUADRATURE MODULATOR --.

In Column 3, Line 34, delete “or” and insert -- to one or --, therefor.

In Column 3, Line 63, delete “so” before “vector”.

In Column 5, Line 17, delete “farther” and insert -- further --, therefor.

In Column 5, Line 45, delete “ease” and insert -- case --, therefor.

In Column 6, Line 26, delete “transmitted” and insert -- transmitter --, therefor.

In Column 7, Line 46, delete “A.” and insert -- A --, therefor.

In Column 9, Line 61, delete “ICC” and insert -- TCC --, therefor.

In Column 16, Line 32, in Claim 16, delete “signal” and insert -- signals --, therefor.

In Column 17, Line 4, in Claim 24, delete “  $\Phi_{shift} = \cos^{-1}(P_{TR}|(P_{TX1}P_{TX2}))$ , ” and insert --  $\Phi_{shift} = \cos^{-1}(P_{TR}|(P_{TX1} + P_{TX2}))$ , --, therefor.

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,469,017 B2  
APPLICATION NO. : 10/510338  
DATED : December 23, 2008  
INVENTOR(S) : Granstrom et al.

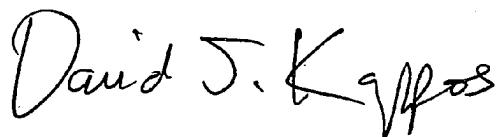
Page 2 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Column 17, Line 63, in Claim 30, delete "fist" and insert -- first --, therefor.

Signed and Sealed this

Third Day of November, 2009



David J. Kappos  
*Director of the United States Patent and Trademark Office*